Webinar
March 11, 2014
1:00 PM

Helping Massachusetts Municipalities Create a Cleaner Energy Future

COMMONWEALTH OF MASSACHUSETTS

Charles D. Baker, Governor Matthew Beaton, Secretary Dan Burgess, Acting Commissioner

Efficient Neighborhoods+

Tami Buhr, Opinion Dynamics

Green Communities Division

The energy hub for **all** Massachusetts cities and towns, not just designated "Green Communities."



Outreach - Regional Coordinators

- Regional Coordinators act as direct liaisons with cities and towns on energy efficiency and renewable energy activities
- Located at each of the DEP Regional Offices:



WERO – SPRINGFIELD: Jim Barry Jim.Barry@state.ma.us



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CERO - WORCESTER: Kelly Brown Kelly.Brown@state.ma.us



SERO - LAKEVILLE: Seth Pickering Seth.Pickering@state.ma.us



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Green Communities Division - Programs & Resources for Municipalities

- ${}^{\bullet}\:$ Green Communities Designation and Grant Program
- MassEnergyInsight energy tracking and analysis tool
- Municipal Energy Efficiency Program
- Energy Management Services Technical Assistance
- Clean Energy Results Program (CERP)
- Mass Municipal Energy Group (MMEG)
- Website filled with tools & resources: www.mass.gov/energy/greencommunities

Email updates via e-blasts – Sign up by sending an email to:

join-ene-greencommunities@listserv.state.ma.us



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Recording & Presentation

- The webinar is being recorded and will be available on our website in approximately 48 hours at: http://www.mass.gov/eea/energy-utilities-clean-tech/webinars.html
- Click on the camera icon top right of your screen to save any slides for future reference
- Use the Q & A icon on your screen to type in questions
- The slide presentation will also be posted at:
 http://www.mass.gov/eea/energy-utilities-clean-tech/webinars.html
- Websites are also listed at end of presentation



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Poll Question 1

- Who is in the audience today?
 - a) Municipalities and other public entities
 - b) Energy efficiency contractors
 - c) Non-profits
 - d) Homeowner or renter



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Agenda

- Initiative Background and Design
- Target Community Selection
- Evaluation Results
- Marketing and Outreach Insights
- Discussion







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Initiative Background and Design

History Behind the Initiative

- Efficient Neighborhoods+SM (EN+) born from the Appreciative Inquiry Summit led by National Grid in the spring of 2012
 - Stakeholders interested in environmental justice and equity in service
 - Main issue is difficulty reaching lower to moderate income customers, typically who earn between 60-120% of state median income



Statewide initiative that is community focused









Initiative Background

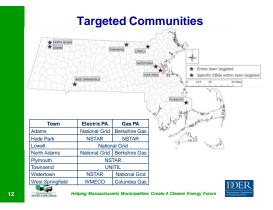
- Extension of the Mass Save® Home Energy Services (HES) program designed to overcome barriers to higher participation and deeper savings in the residential sector
 - No point of contact
 - Split incentives
 - Higher job costs
- Pre-weatherization barriers
- Multifamily housing stock
- To avoid the burden of income eligibility verification, the initiative targets communities, not customers





Initiative Design Common Area Lighting (LED or CFL depending on fixture) Pre-Weatherization Barrier Incentive Up to \$800 \$Up to \$800 90% up to \$3000 Insulation per unit/single 2-4 Family Landlord Whole House Insulation with Adder (50% of Customer Contribution) \$4,000 \$7.695 3 Family \$6,000 4 Family \$9.500 \$7,500 EN+ SM Boiler & Furnace Incentive Adder Early Boiler Replacement (EBR) Rebate with Additional \$500 Incentive for Non-owner Occupied Properties EN+ SM Whole House \$500 Incentive Adde





Overview of Marketing and Outreach Tactics

· Collaboration across PAs and communities to ensure consistency and integrity of the campaign

Community	y Mailer	Phone Call	Event	Community Organization	Mass Media (Newspaper, TV, Online)	Online	Facebook	In-person Outreach
Adams	✓		1	✓	1	1	1	✓
Hyde Park	4	1						✓
Lowell	✓	1	✓	✓				¥
North Adam	s ✓		✓	✓	✓	1	✓	✓
Plymouth	✓	1						¥
Townsend	✓							
Watertown	✓	✓		✓				1
West Springfield	4	✓		✓				✓
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Poll Question 2

- What do you think is the biggest barrier to higher participation in energy efficiency programs by moderate-income residents?
 - a) Lack of awareness
 - b) Landlord/tenant issues
 - c) Money/incentive level
 - d) Ability to finance
 - e) Afraid it will be a hassle







Target Community Selection

Community Selection Considerations

- How to identify communities with high concentrations of target customers?
- How to identify customers that are most likely to fall into the desired segments?
- How to avoid non-qualifying customers or customers who already participated in the program?
- Which communities have on-the-ground support?
- Are there concurrent initiatives being implemented in the community?







Community Selection Approach Microtargeting = Data + Mapping

- · Multiple sources of data
 - Census
 - · Past program participation
 - · Utility customer
 - · Other (secondary segmentation data, GIS shapefiles)
- · Easy to use, efficient, flexible resource

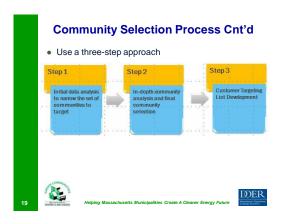


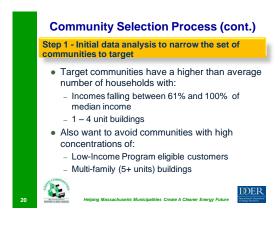


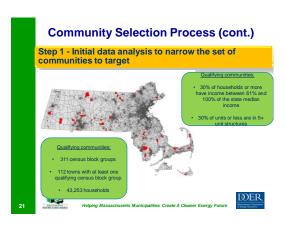
Community Selection Process

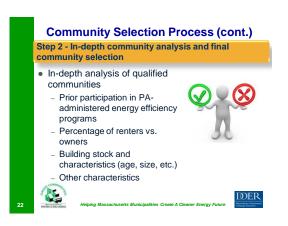
- American Community Survey (ACS) data for 2007-2011
 - Data fields of interest available at the census block group level
- Core data fields (housing count, population count, income, housing stock,
- home ownership status) MassGIS data
 - Maps of towns and census block groups
 - Maps of Massachusetts PA service territories
- · Program tracking data

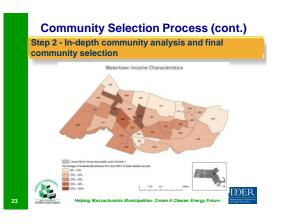




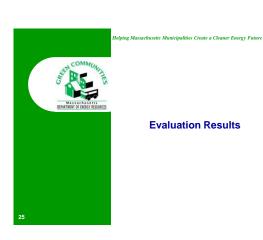


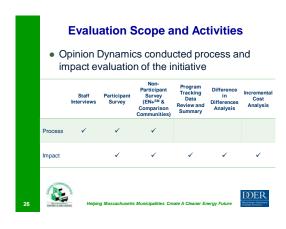


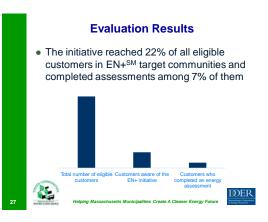




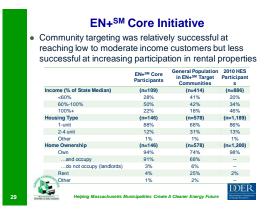








	Achieved During the Initiative's Implementation	% Incremental to the Initiative	# Incremental to the Initiative
Total# of energy assessments	927	69%	636
Total# of projects	248	76%	188
kWh savings	699,587	74%	516,784
Therm savings	35,351	84%	29,691
MMBTU savings	10,698	73%	7,786
Total # of LI customers channeled into the LI program	91	-	-
 The initiative was savings Additional potentia timeframe and add 	`	short implemer	0,





Outreach Insights

- The evaluation did not test the relative effectiveness of the various outreach tactics but identified some insights:
 - Sources of initiative's awareness varied but overall results suggest that in-person outreach and phone calls are effective outreach tactics
 - Word-of-mouth marketing can also be an effective marketing strategy
 - Exposure to initiative through more than one outreach method is an effective way of moving customers toward
- Outreach methods were community-tailored, high touch, and quite costly. Administration and management of such efforts was resource-

intensive



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Discussion



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